



TITLE: HIGH SENSITIVITY MECHANICAL RESONANCE SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

1/18

100

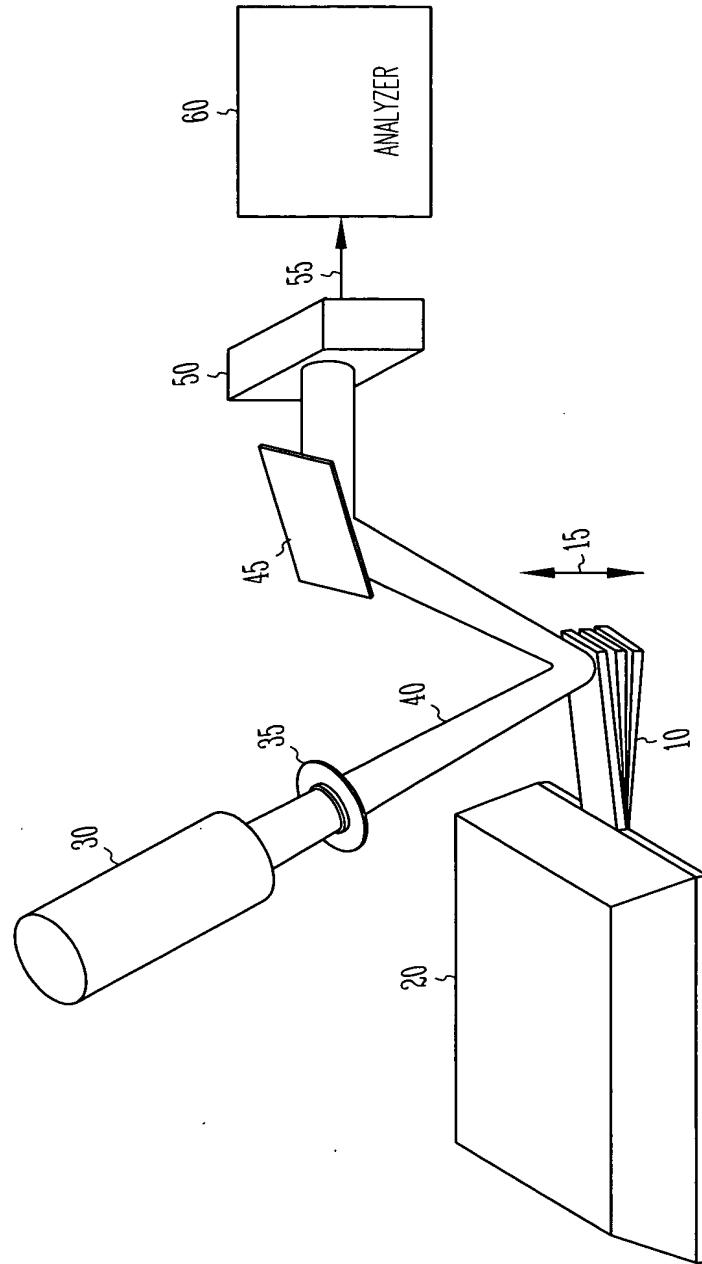


Fig. 1



TITLE: HIGH SENSITIVITY MECHANICAL RESONANT SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

2/18

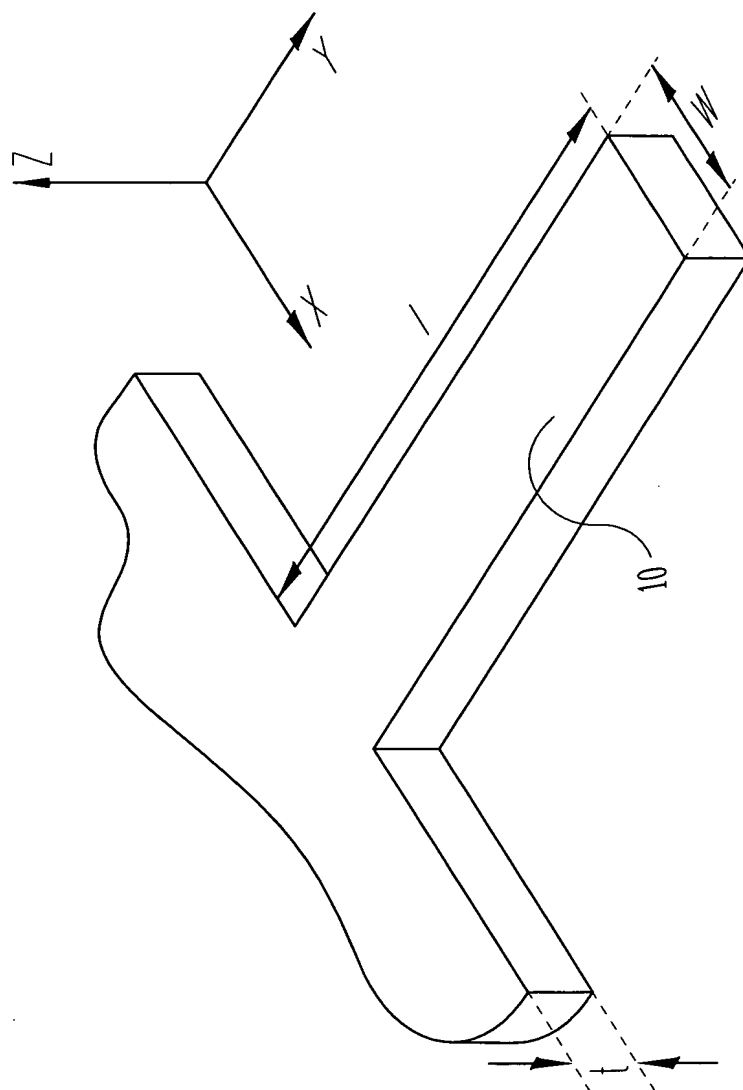


Fig. 2

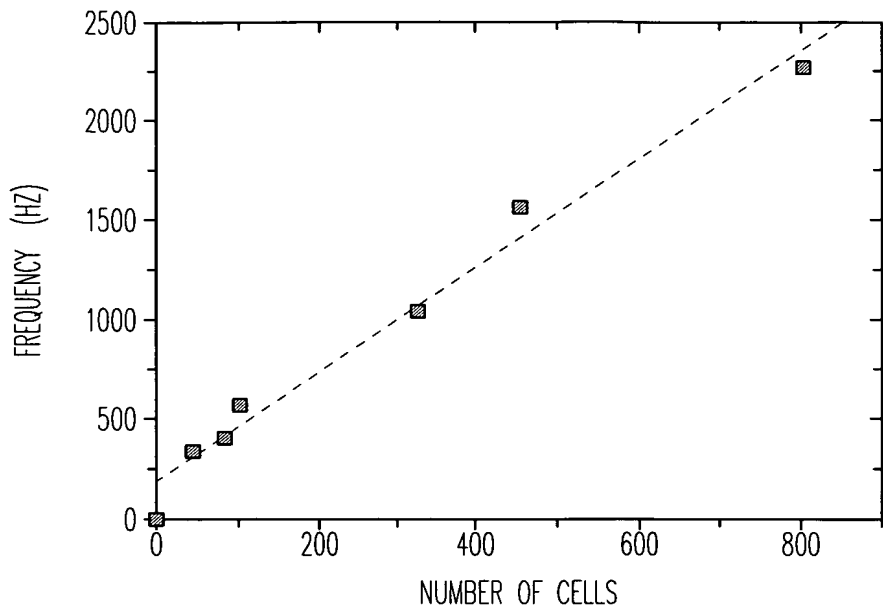


Fig. 3A

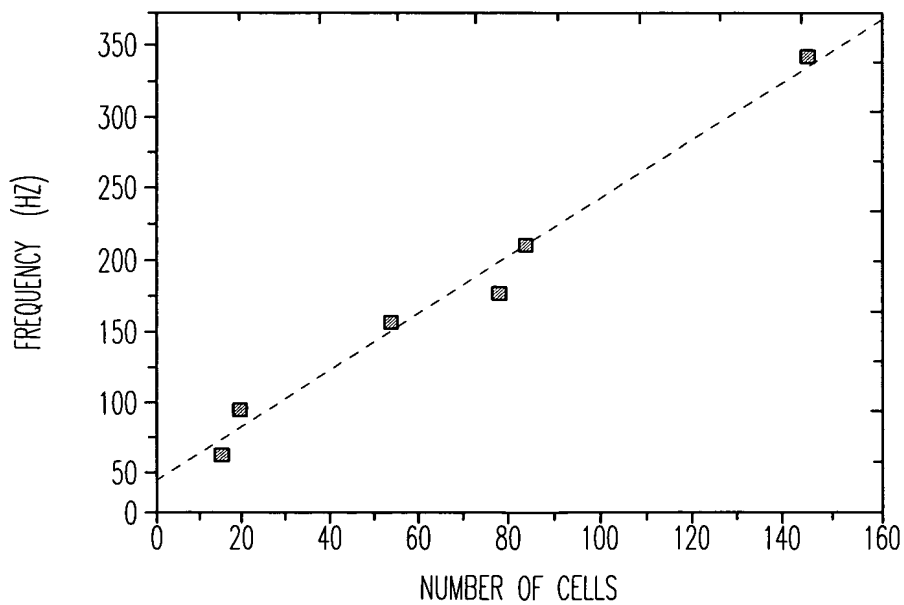


Fig. 3B

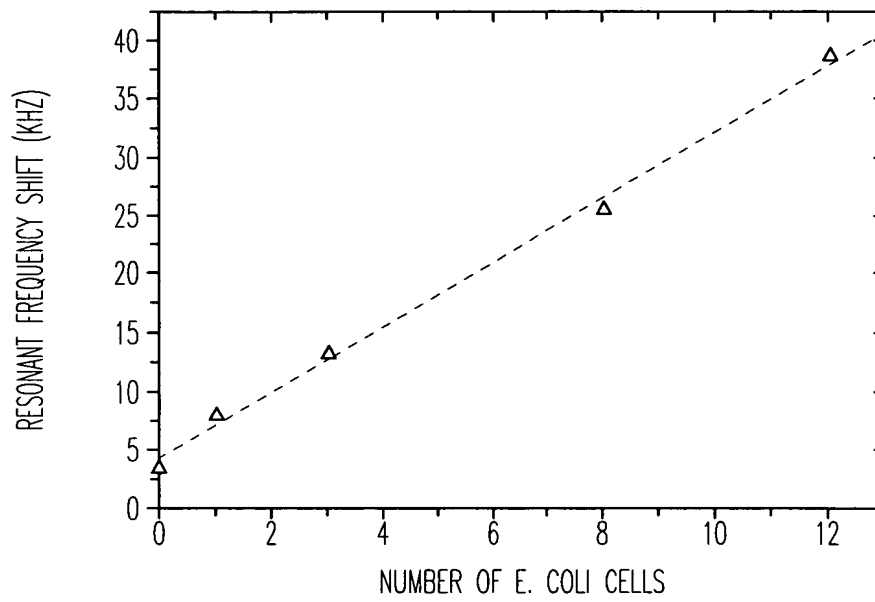


Fig. 3C

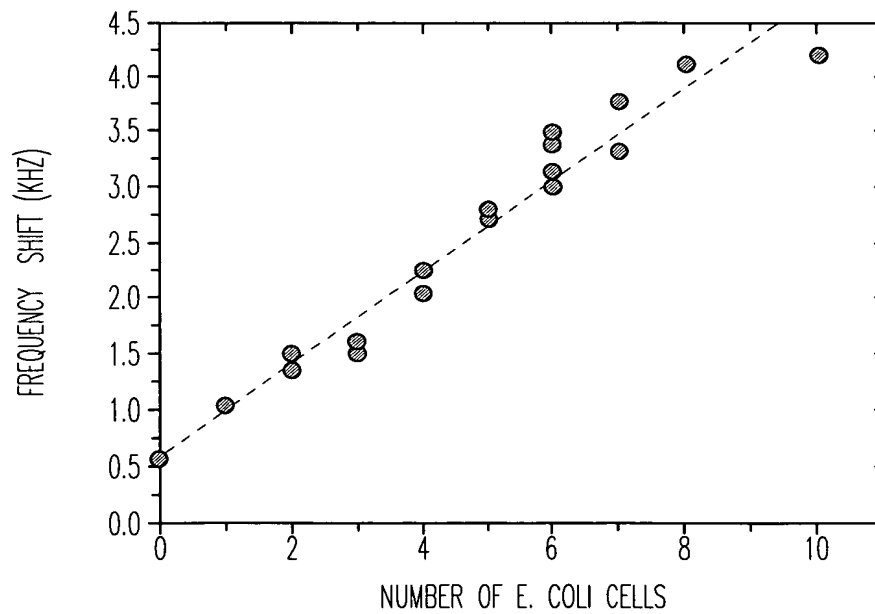


Fig. 3D



TITLE: HIGH SENSIVITY MECHANICAL RESONANCE SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

5/18

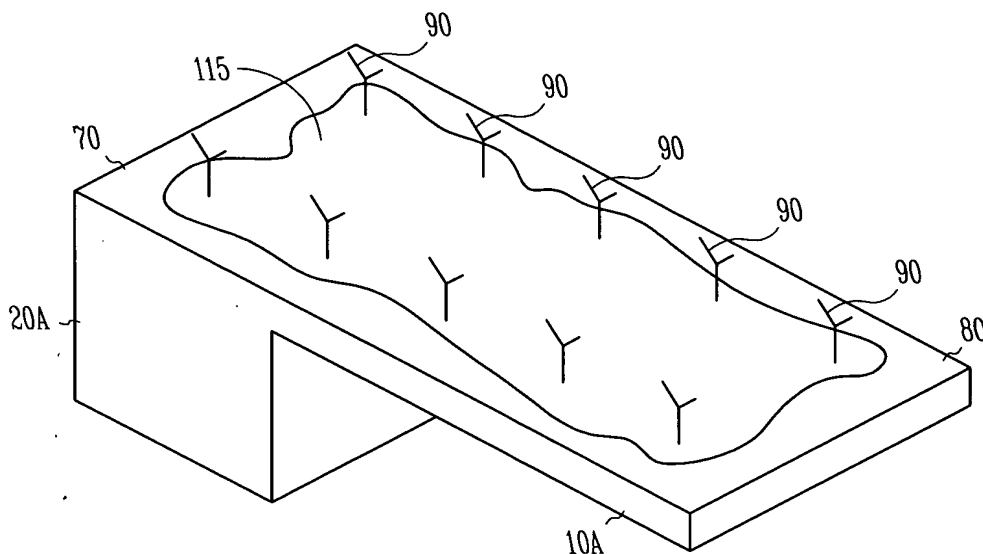


Fig. 4A

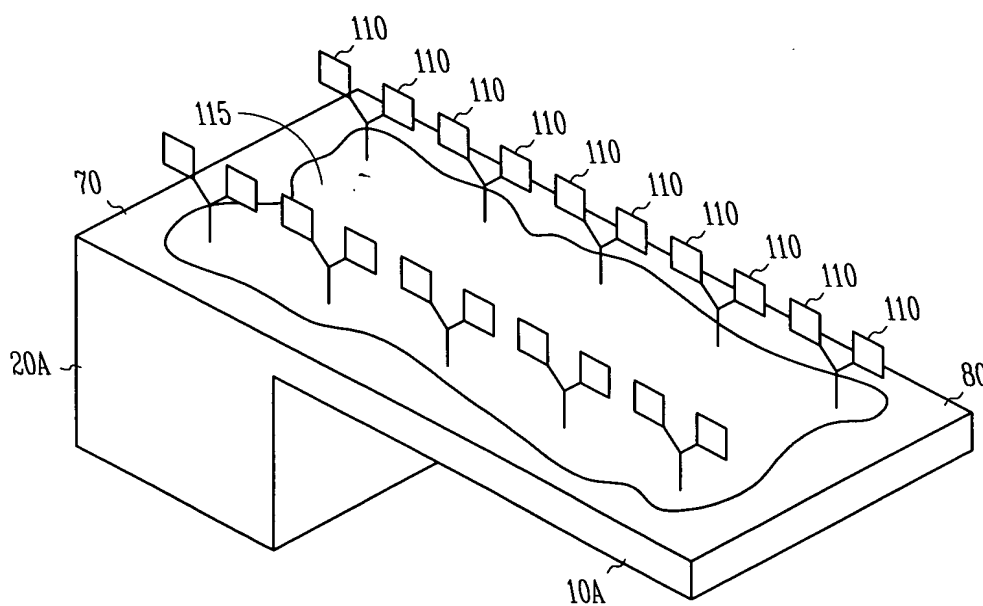


Fig. 4B



TITLE: HIGH SENSIVITY MECHANICAL RESONANT SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

6/18

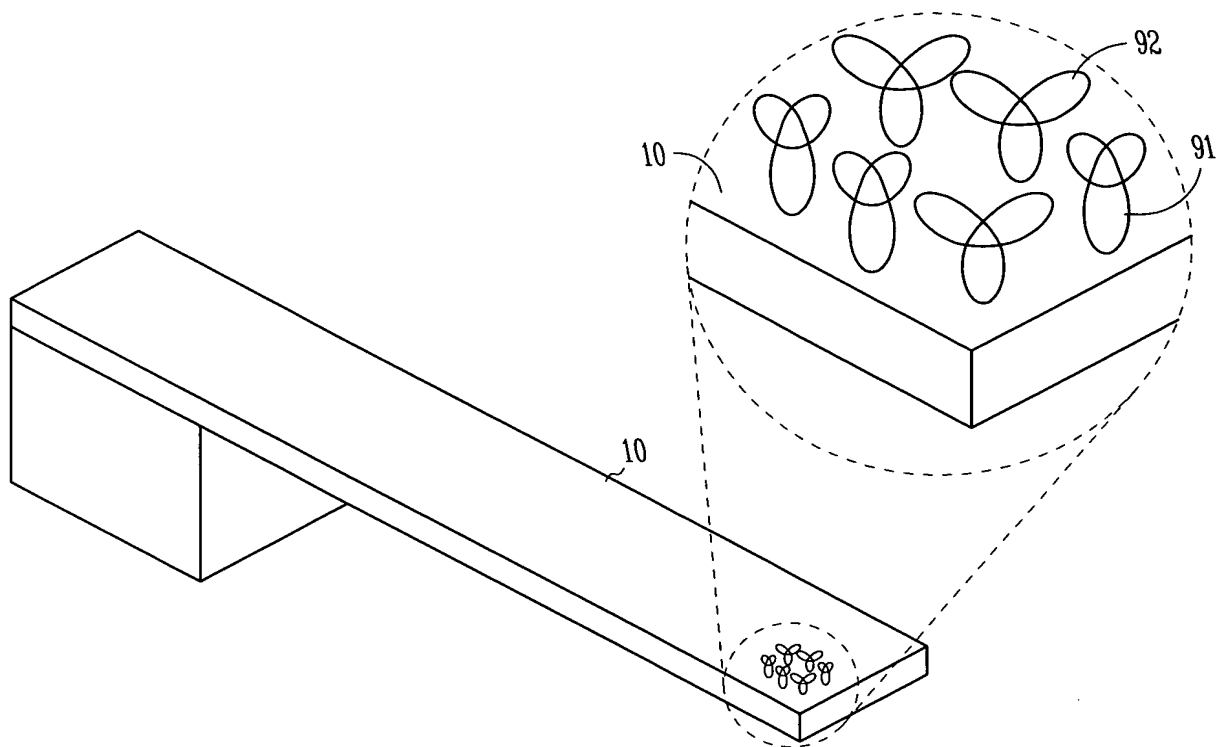


Fig. 5A

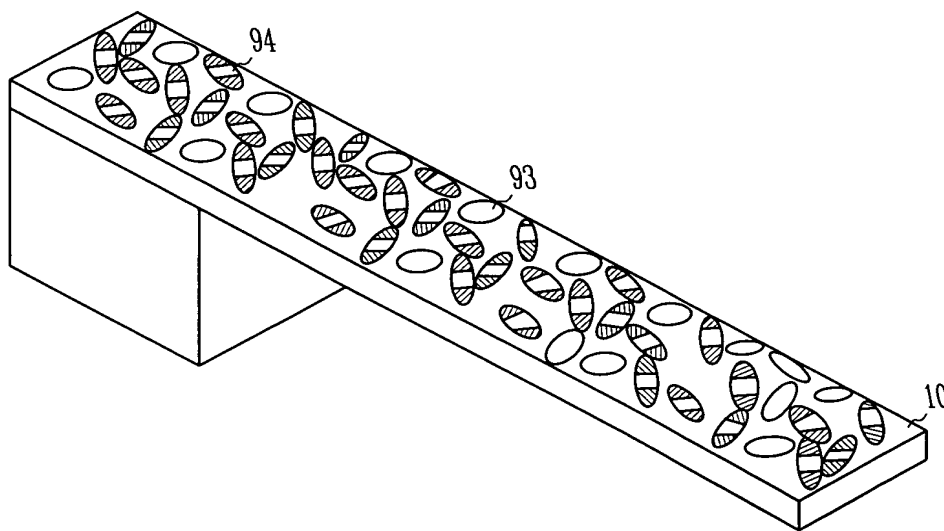


Fig. 5B



ITL: HIGH SENSIVITY MECHANICAL RESONANT
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

7/18

BEST AVAILABLE COPY

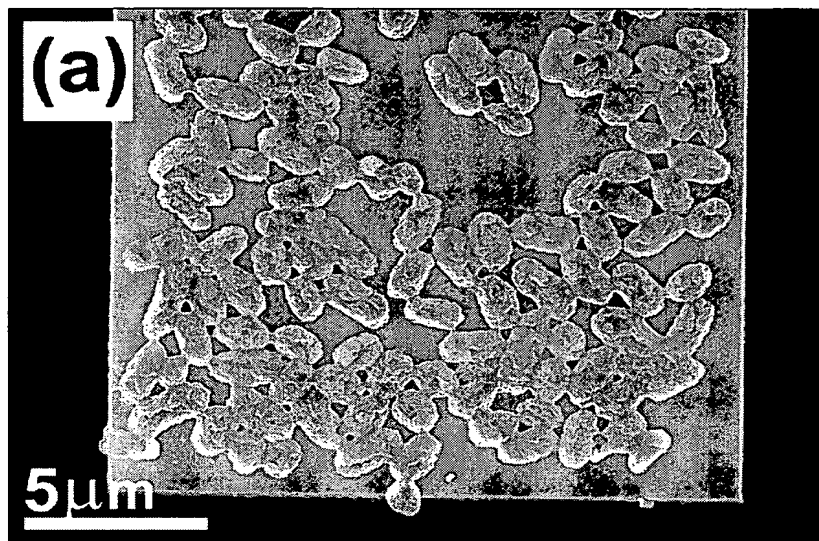


Fig. 6A

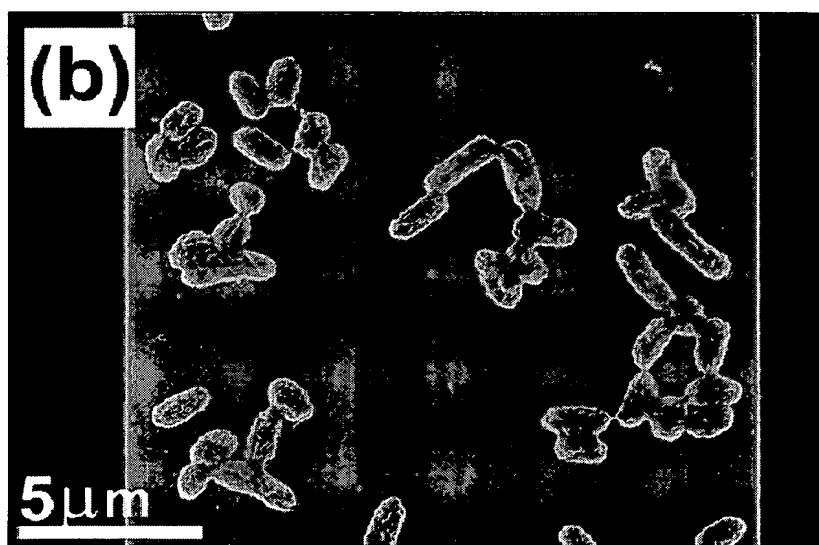


Fig. 6B



TITLE: HIGH SENSITIVITY MECHANICAL RESONANT
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

8/18

BEST AVAILABLE COPY

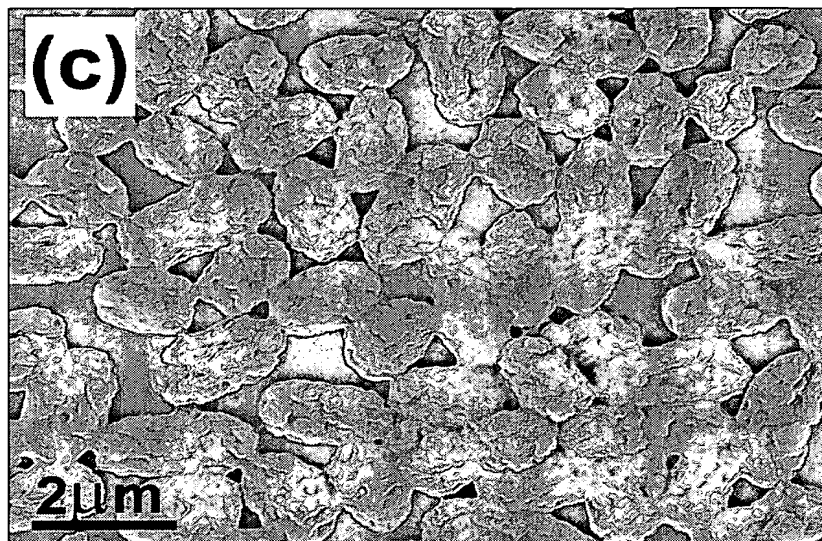


Fig. 6C

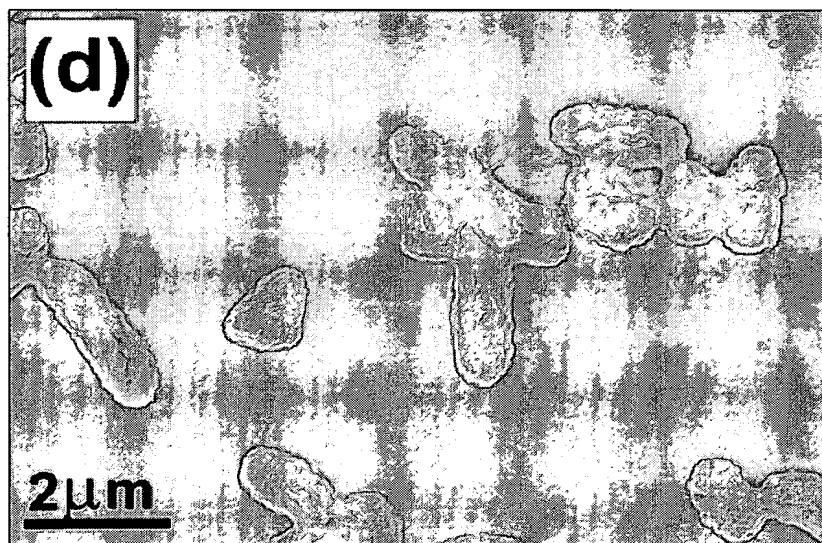


Fig. 6D

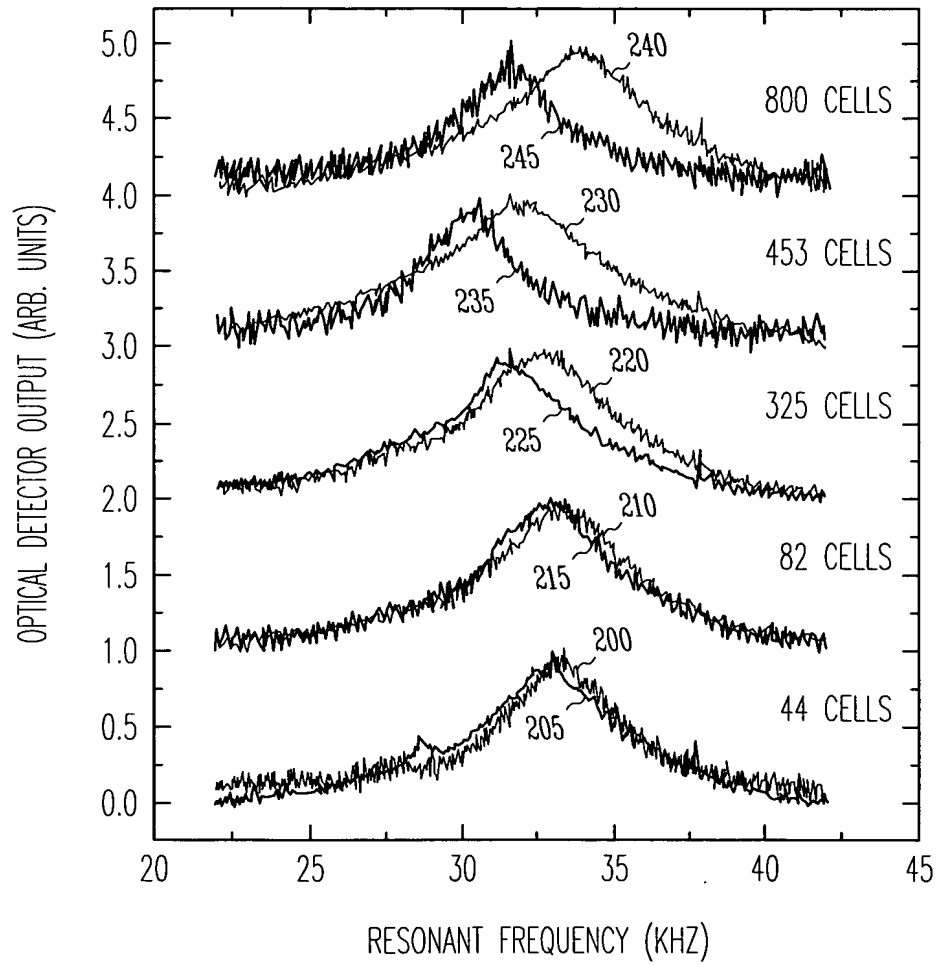


Fig. 7



TITLE: HIGH SENSITIVITY MECHANICAL RESONANT
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

10/18

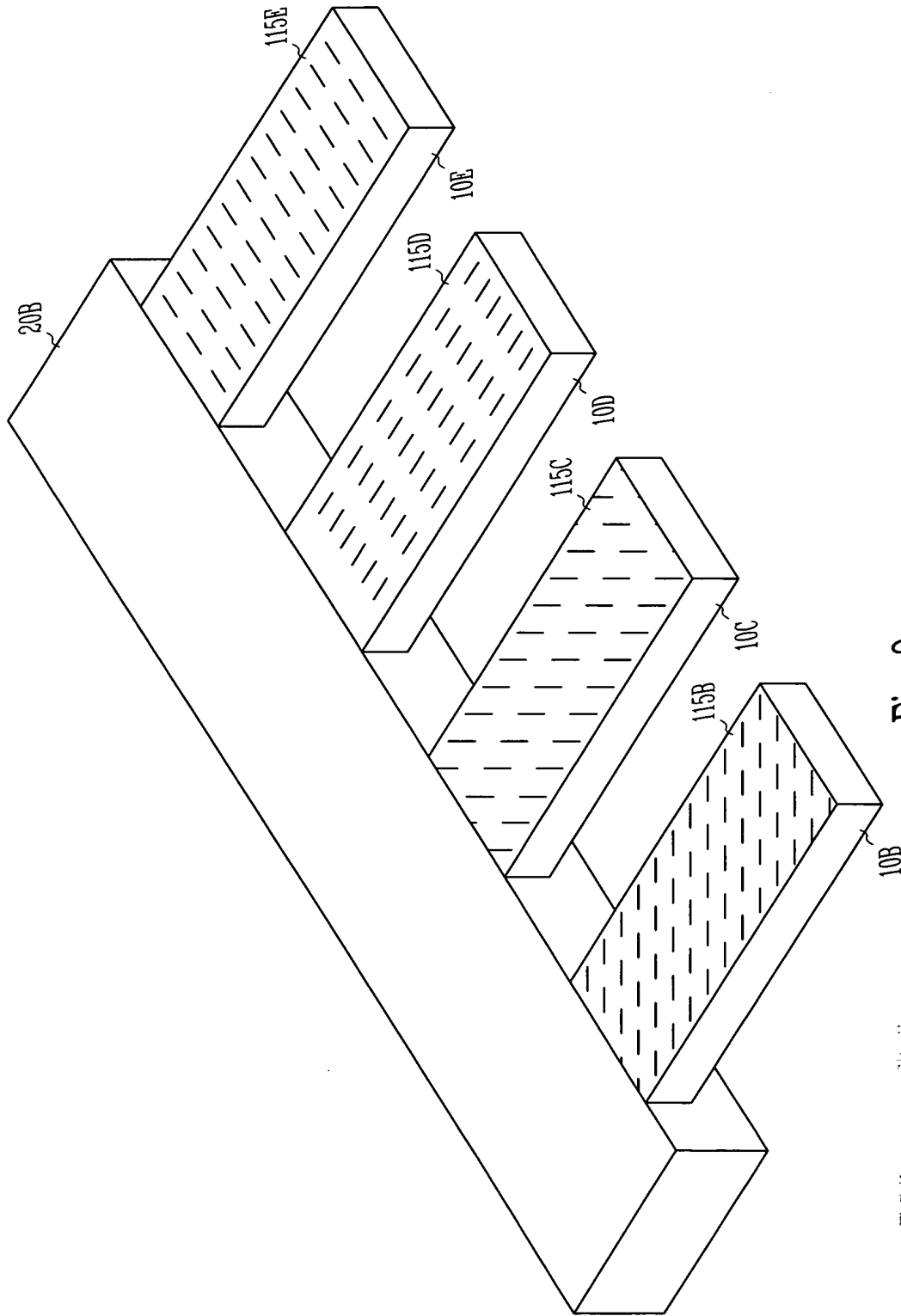


Fig. 8



TITLE: HIGH SENSITIVITY MECHANICAL RESONANT SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

11/18

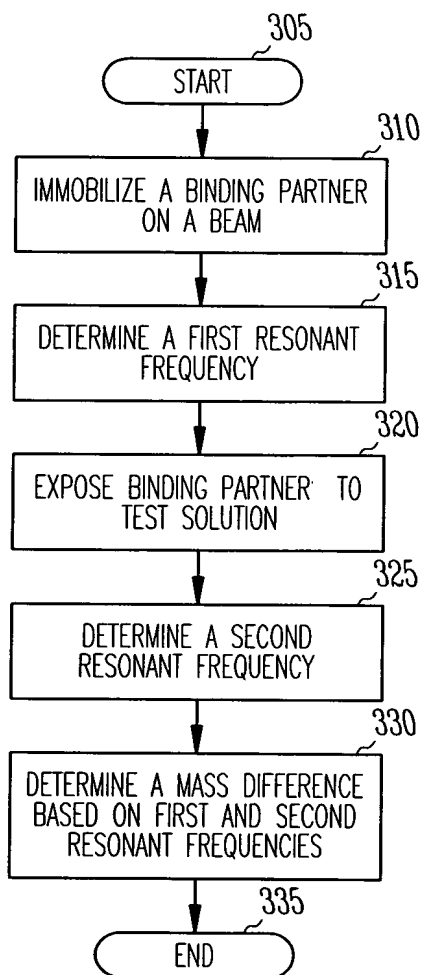


Fig. 9



TITLE: HIGH SENSITIVITY MECHANICAL RESONANCE SENSOR
 INVENTORS NAME: Harold G. Craighead et al.
 SERIAL NO.: 09/712795

12/18

SILICON DIOXIDE
 SILICON SUBSTRATE
 POLYSILICON

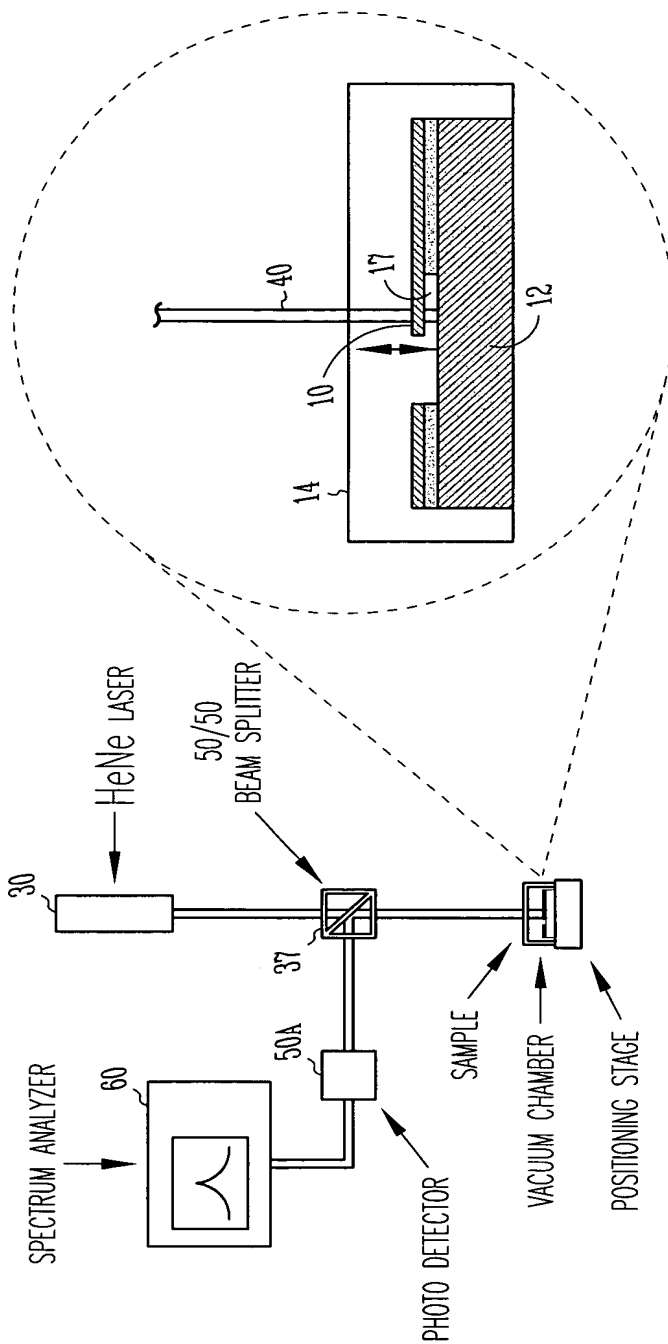


Fig. 10

DRAWING
 09/712795
 11/20/03 2:07PM

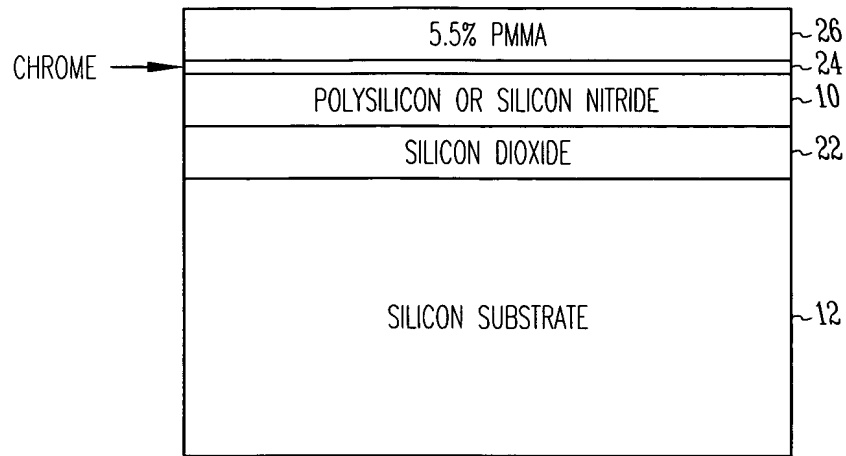


Fig. 11A

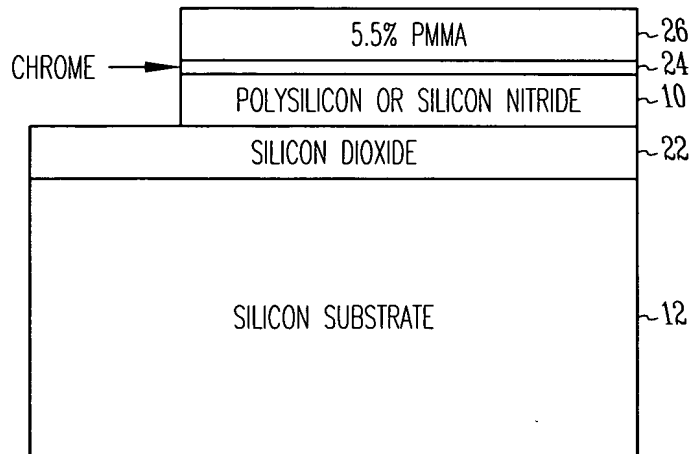


Fig. 11B

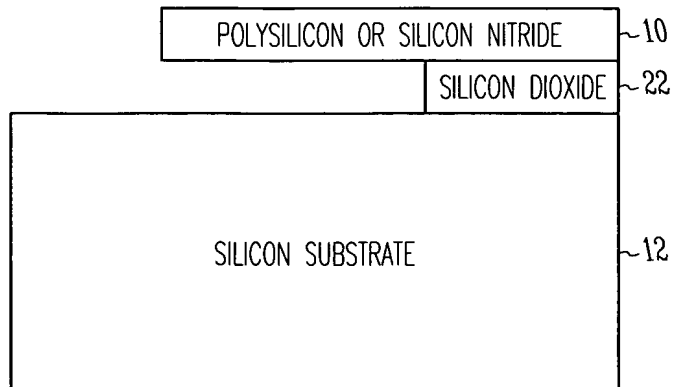


Fig. 11C

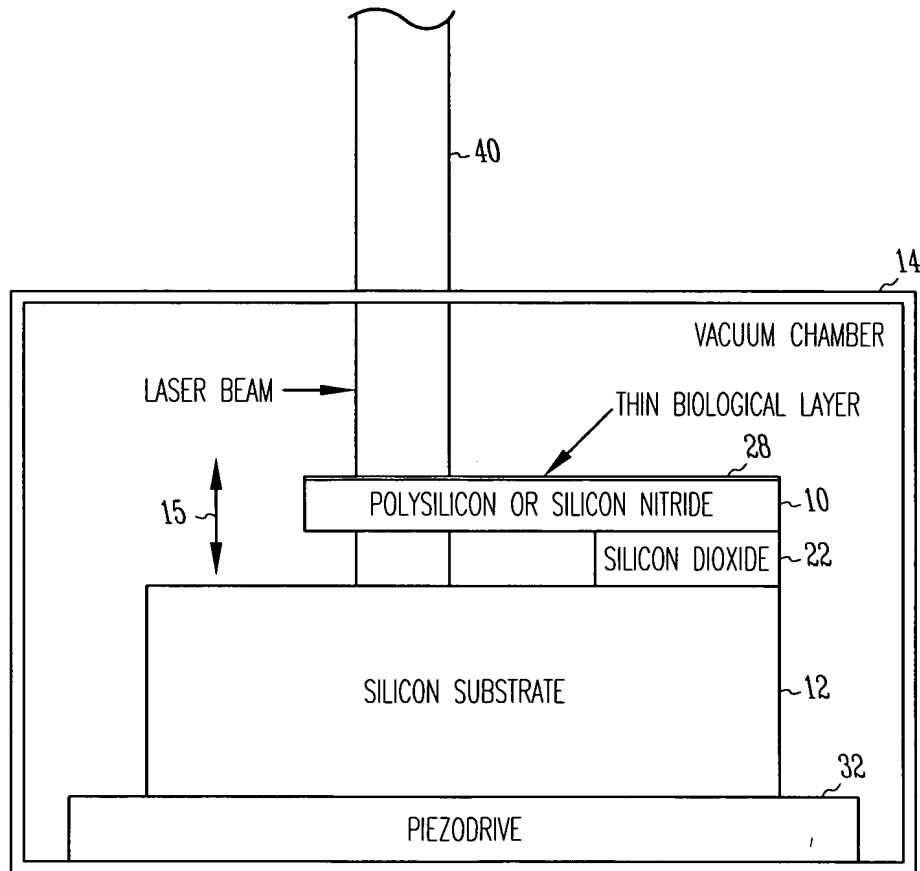


Fig. 12



TITLE: HIGH SENSITIVITY MECHANICAL RESONANT SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

15/18

BEST AVAILABLE COPY

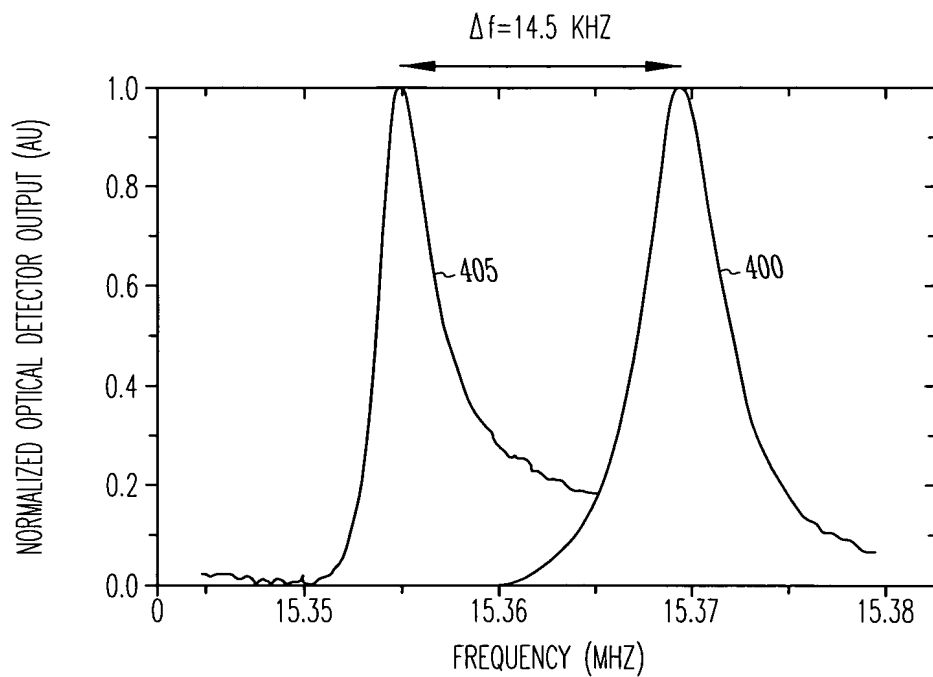


Fig. 13

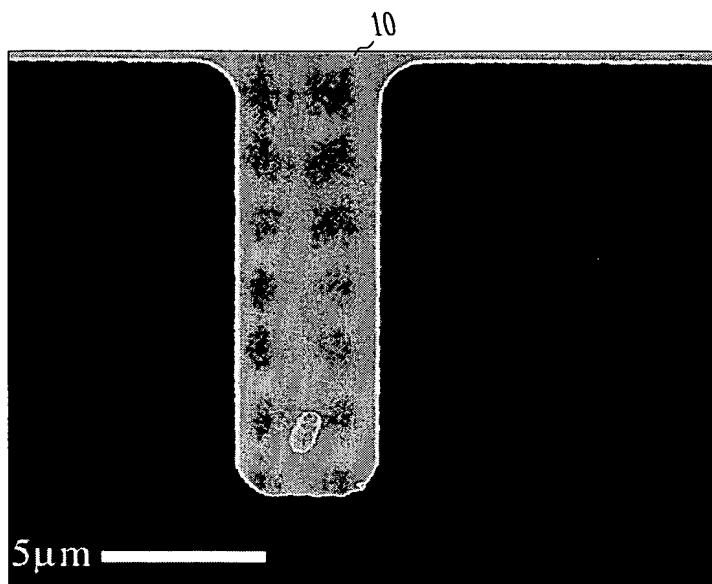


Fig. 14



TITLE: HIGH SENSITIVITY MECHANICAL RESONANCE SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

16/18

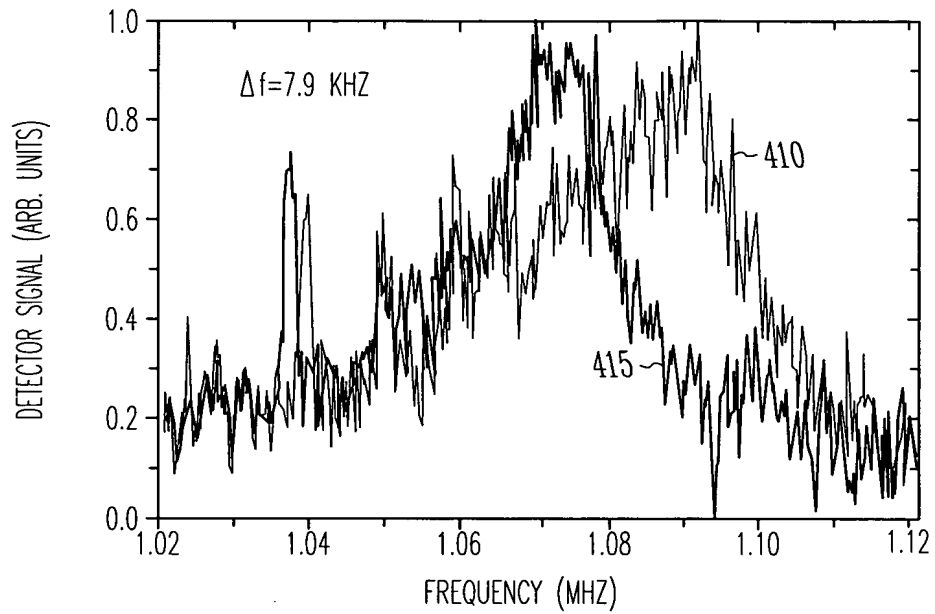


Fig. 15

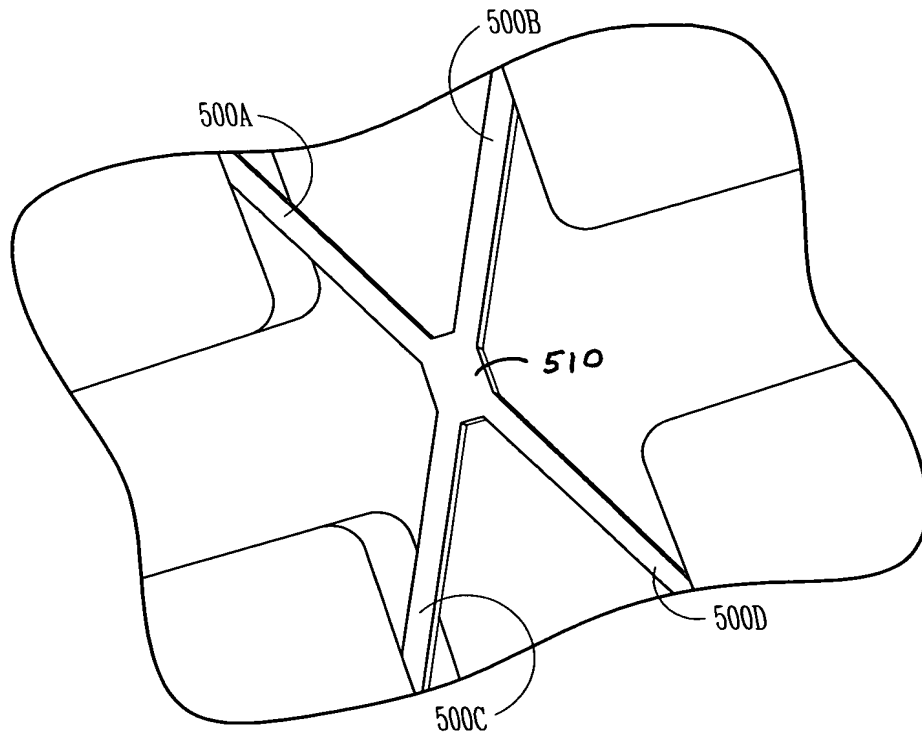


Fig. 16A

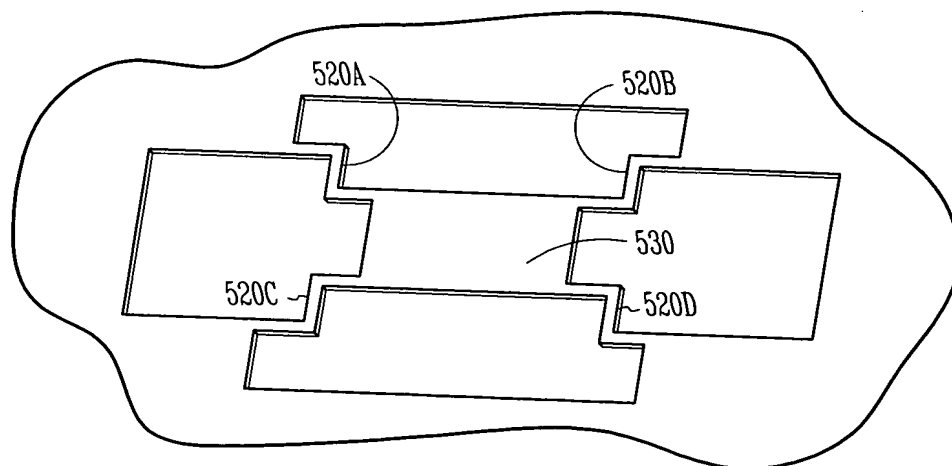


Fig. 16B



TITLE: HIGH SENSITIVITY MECHANICAL RESONANT SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

18/18

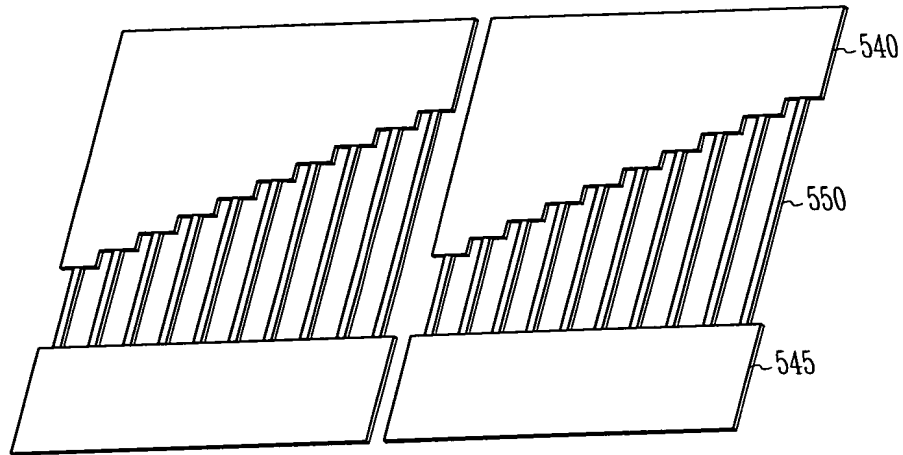


Fig. 16C

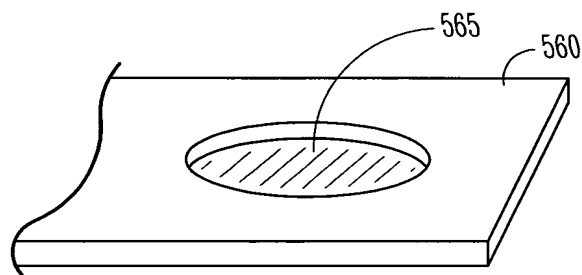


Fig. 16D